

INTERNATIONAL SEARCH REPORT

International Application No

PCT/DE 03/01007

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G05B19/042 G05B19/414

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G05B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/23290 A (DANCAU MARIAN GEORG ; HAUNI WERKE KOERBER & CO KG (DE); BAATZ GUNAR) 21 March 2002 (2002-03-21) page 3, line 10 - page 4, line 21 page 5, line 11 - line 32 page 7, line 6 - page 8, line 4 page 16, line 14 - page 19, line 25	1-6
X	WO 01/57823 A (DOMAIN LOGIX CORP) 9 August 2001 (2001-08-09) page 3, line 7 - line 35 page 5, line 9 - page 6, line 20 page 7, line 7 - page 8, line 30 page 12, line 10 - page 13, line 15	1-4, 6 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

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Date of the actual completion of the international search

4 June 2004

Date of mailing of the International search report

18/06/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	KUCHLIN W ET AL: "HIGHROBOT: telerobotics in the Internet" EMERGING TECHNOLOGIES AND FACTORY AUTOMATION PROCEEDINGS, 1997. ETFA '97., 1997 6TH INTERNATIONAL CONFERENCE ON LOS ANGELES, CA, USA 9-12 SEPT. 1997, NEW YORK, NY, USA, IEEE, US, 9 September 1997 (1997-09-09), pages 115-120, XP010242641 ISBN: 0-7803-4192-9 page 115, column 2, line 25 - line 32 page 116, column 2, line 38 - page 118, column 1, line 12 page 118, column 2, line 1 - page 119, column 2, line 16	1,2,6,7
X	TAYLOR K ET AL: "Internet robots: a new robotics niche" IEEE ROBOTICS & AUTOMATION MAGAZINE, MARCH 2000, IEEE, USA, vol. 7, no. 1, 31 March 2000 (2000-03-31), pages 27-34, XP002273707 ISSN: 1070-9932 page 29, column 2, line 18 - page 31, column 1, line 36; figure 6	1-3,6
X	EP 0 982 644 A (KAWASAKI HEAVY IND LTD) 1 March 2000 (2000-03-01) paragraph '0023! - paragraph '0027! paragraph '0043! - paragraph '0057!	1,2,4,6, 7
X	EP 1 176 482 A (ABB RESEARCH LTD) 30 January 2002 (2002-01-30) paragraph '0005! - paragraph '0023!	1,2,4,6
X	CALKIN D W ET AL: "Visualisation, simulation and control of a robotic system using Internet technology" AMC'98 - COIMBRA. 1998 5TH INTERNATIONAL WORKSHOP ON ADVANCED MOTION CONTROL. PROCEEDINGS (CAT. NO.98TH8354), AMC'98 - COIMBRA. 1998 5TH INTERNATIONAL WORKSHOP ON ADVANCED MOTION CONTROL. PROCEEDINGS, COIMBRA, PORTUGAL, 29 JUNE-1 JULY 1998, 1 July 1998 (1998-07-01), pages 399-404, XP002273709 1998, Piscataway, NJ, USA, IEEE, USA ISBN: 0-7803-4484-7 page 401, column 2, line 1 - page 403, column 1, line 27	1,2,4,6

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International Application No

PCT/DE 03/01007

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 311 101 B1 (KASTNER ENGELBERT) 30 October 2001 (2001-10-30) column 2, line 25 - column 3, line 40 column 4, line 32 - column 5, line 36 column 6, line 25 - column 7, line 34 -----	1-7
A	GB 2 360 608 A (ROKE MANOR RESEARCH) 26 September 2001 (2001-09-26) page 8, line 3 - page 9, line 24 page 10, line 27 - page 12, line 25 -----	1-6
A	SAUCY P ET AL: "KhepOnTheWeb: open access to a mobile robot on the Internet" IEEE ROBOTICS & AUTOMATION MAGAZINE, MARCH 2000, IEEE, USA, vol. 7, no. 1, 31 March 2000 (2000-03-31), pages 41-47, XP002273708 ISSN: 1070-9932 page 42, column 1, line 18 - page 43, column 2, line 10 -----	1-4,6,7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/DE 03/01007

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
WO 0223290	A 21-03-2002	DE	10046133 A1	28-03-2002
		AU	1049902 A	26-03-2002
		CN	1459053 T	26-11-2003
		WO	0223290 A2	21-03-2002
		EP	1328853 A2	23-07-2003
		US	2004015383 A1	22-01-2004
WO 0157823	A 09-08-2001	AU	3316401 A	14-08-2001
		WO	0157823 A2	09-08-2001
		US	2002026514 A1	28-02-2002
EP 0982644	A 01-03-2000	JP	2873222 B2	24-03-1999
		JP	10315171 A	02-12-1998
		EP	0982644 A1	01-03-2000
		US	6175206 B1	16-01-2001
		WO	9852109 A1	19-11-1998
EP 1176482	A 30-01-2002	EP	1176482 A1	30-01-2002
		US	2002066072 A1	30-05-2002
US 6311101	B1 30-10-2001	EP	0916466 A1	19-05-1999
		EP	0917034 A1	19-05-1999
		AT	206655 T	15-10-2001
		AT	214169 T	15-03-2002
		DE	59704884 D1	15-11-2001
		DE	59803258 D1	11-04-2002
GB 2360608	A 26-09-2001	CA	2388389 A1	03-05-2001
		EP	1247374 A1	09-10-2002
		WO	0131852 A1	03-05-2001
		JP	2003518788 T	10-06-2003